

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	660	kumar-v\$.in. "d'costa".in. ganesh-k\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:11
L2	3	l1 and pna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:23
L3	0	l1 and aep	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:11
L4	0	kumar-v\$.in. ganesh-k\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2005/06/26 18:12
L5	608	kumar-v\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2005/06/26 18:12
L6	8	ganesh-k\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2005/06/26 18:12
L7	105	"d'costa"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:13
L8	15	l7 and pna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:15
L9	18689	"peptide nucleic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:15
L10	1	l9 and l1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:15
L11	0	l9 and aminoethylpropyl	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:18
L12	8	aminoethylpropyl	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:18

L13	0	aminoethylpropyl and pna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:18
L14	1014	aep	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:18
L15	19	aep and pna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:22
L16	7	aep SAME pna	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:19
L17	2	aep SAME "peptide nucleic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:20
L18	0	340961-45-7P	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:21
L19	4	l1 and oligonucleotide	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:21
L20	17171	530/350.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:22
L21	3978	530/324.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:22
L22	483	514/373	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:24
L23	391	514/373.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:24
L24	212	548/210.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:24

L25	20702	I20 I21 I23 I24	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:24
L26	4403	I25 and "peptide nucleic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:24
L27	2	I26 and (aminoethylpropyl aep)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:25
L28	9889	536/23.5.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:25
L29	2122	I28 and "peptide nucleic acid"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:25
L30	2	I29 and (aminoethylpropyl aep)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/06/26 18:26

(FILE 'HOME' ENTERED AT 18:28:19 ON 26 JUN 2005)

FILE 'MEDLINE, CAPLUS, SCISEARCH, BIOSIS, EMBASE, REGISTRY' ENTERED AT  
18:28:46 ON 26 JUN 2005

L1 4 S 340961-45-7P  
L2 4 DUP REM L1 (0 DUPLICATES REMOVED)  
L3 143043 S KUMAR-?/AU OR GANESH-K?/AU  
L4 188 S KUMAR-?/AU AND GANESH-K?/AU  
L5 0 S L4 AND "D'COSTA"  
L6 78 S L4 AND PEPTIDE NUCLEIC ACID  
L7 10 S L6 AND (AMINETHYLPROPYL OR AEP)  
L8 3 DUP REM L7 (7 DUPLICATES REMOVED)  
L9 0 S AEP PNA III  
L10 0 S AEP-PNA-III  
L11 13526 S PEPTIDE NUCLEIC ACID  
L12 11 S L11 AND (AMINETHYLPROPYL OR AEP)  
L13 4 DUP REM L12 (7 DUPLICATES REMOVED)  
L14 16 S AEP(P)PNA  
L15 5 DUP REM L14 (11 DUPLICATES REMOVED)

=> d l1 1-4

L1 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2003:347055 CAPLUS  
DN 139:80857  
TI N7-Guanine as a C+ mimic in hairpin aeg/aepPNA-DNA triplex: Probing  
binding selectivity by UV-Tm and kinetics by fluorescence-based  
strand-invasion assay  
AU D'Costa, Moneesha; Kumar, Vaijayanti A.; Ganesh, Krishna N.  
CS Division of Organic Chemistry (Synthesis), National Chemical Laboratory,  
Pune, 411008, India  
SO Journal of Organic Chemistry (2003), 68(11), 4439-4445  
CODEN: JOCEAH; ISSN: 0022-3263  
PB American Chemical Society  
DT Journal  
LA English  
OS CASREACT 139:80857  
RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2001:710917 CAPLUS  
DN 136:216993  
TI Synthesis and binding affinity of a chiral PNA analogue  
AU Li, Ying; Jin, Tao; Liu, Kelian  
CS Beijing Institute of Pharmacology and Toxicology, Beijing, 100850, Peop.  
Rep. China  
SO Nucleosides, Nucleotides & Nucleic Acids (2001), 20(9), 1705-1721  
CODEN: NNNAFY; ISSN: 1525-7770  
PB Marcel Dekker, Inc.  
DT Journal  
LA English  
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2001:675176 CAPLUS  
DN 135:354283  
TI Engineering preferences of hairpin PNA binding to complementary DNA:  
effect of N7G in aeg/aep PNA backbone  
AU Kumar, V. A.; D'Costa, M.; Ganesh, K. N.  
CS Division of Organic Chemistry (Synthesis), National Chemical Laboratory,  
Pune, India  
SO Nucleosides, Nucleotides & Nucleic Acids (2001), 20(4-7), 1187-1191  
CODEN: NNNAFY; ISSN: 1525-7770  
PB Marcel Dekker, Inc.  
DT Journal  
LA English  
OS CASREACT 135:354283

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2001:238460 CAPLUS  
DN 135:107554  
TI Aminoethylprolyl (aep) PNA: Mixed Purine/Pyrimidine Oligomers and Binding  
Orientation Preferences for PNA:DNA Duplex Formation  
AU D'Costa, Moneesha; Kumar, Vaijayanti; Ganesh, Krishna N.  
CS Division of Organic Chemistry (Synthesis), National Chemical Laboratory,  
Pune, 411008, India  
SO Organic Letters (2001), 3(9), 1281-1284  
CODEN: ORLEF7; ISSN: 1523-7060  
PB American Chemical Society  
DT Journal  
LA English  
RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s l15 1-5

MISSING OPERATOR L15 1-5

The search profile that was entered contains terms or  
nested terms that are not separated by a logical operator.

=> d l15 1-5

L15 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN  
AN 2002:408684 CAPLUS  
DN 137:6397  
TI Synthesis and properties of PNA analogs consisting of various amino acid  
backbones  
IN Nielsen, Peter E.; Pueschl, Ask  
PA Pantheco A/S, Den.  
SO PCT Int. Appl., 40 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002042316	A2	20020530	WO 2001-DK779	20011123
	WO 2002042316	A3	20020829		
	W:		AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
AU	2002018151	A5	20020603	AU 2002-18151	20011123
EP	1335933	A2	20030820	EP 2001-997499	20011123
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR		
JP	2004514427	T2	20040520	JP 2002-544449	20011123
US	2004063906	A1	20040401	US 2003-433016	20031110
PRAI	DK 2000-1776	A	20001124		
	DK 2001-371	A	20010306		
	DK 2001-1117	A	20010716		
	DK 2001-117	A	20010716		
	WO 2001-DK779	W	20011123		

L15 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 1  
AN 2001383680 MEDLINE  
DN PubMed ID: 11348214  
TI Aminoethylprolyl (aep) PNA: mixed purine/pyrimidine  
oligomers and binding orientation preferences for PNA:DNA duplex

formation.

AU D'Costa M; Kumar V; Ganesh K N  
 CS Division of Organic Chemistry (Synthesis), National Chemical Laboratory,  
 Pune 411008, India.  
 SO Organic letters, (2001 May 3) 3 (9) 1281-4.  
 Journal code: 100890393. ISSN: 1523-7060.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200107  
 ED Entered STN: 20010709  
 Last Updated on STN: 20010709  
 Entered Medline: 20010705

L15 ANSWER 3 OF 5 MEDLINE on STN DUPLICATE 2  
 AN 2001516179 MEDLINE  
 DN PubMed ID: 11562983  
 TI Engineering preferences of hairpin PNA binding to complementary  
 DNA: effect of N7G in aeg/aep PNA backbone.  
 AU Kumar V A; D'Costa M; Ganesh K N  
 CS Division of Organic Chemistry (Synthesis), National Chemical Laboratory,  
 Pune, Maharashtra, India.  
 SO Nucleosides, nucleotides & nucleic acids, (2001 Apr-Jul) 20 (4-7) 1187-91.  
 Journal code: 100892832. ISSN: 1525-7770.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200201  
 ED Entered STN: 20010924  
 Last Updated on STN: 20020125  
 Entered Medline: 20020109

L15 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 3  
 AN 2000295724 MEDLINE  
 DN PubMed ID: 10836017  
 TI Aminoethylprolyl peptide nucleic acids (aepPNA): chiral PNA analogues that  
 form highly stable DNA:aepPNA2 triplexes.  
 AU D'Costa M; Kumar V A; Ganesh K N  
 CS Division of Organic Chemistry (Synthesis), National Chemical Laboratory,  
 Pune, India.  
 SO Organic letters, (1999 Nov 18) 1 (10) 1513-6.  
 Journal code: 100890393. ISSN: 1523-7060.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200006  
 ED Entered STN: 20000706  
 Last Updated on STN: 20000706  
 Entered Medline: 20000626

L15 ANSWER 5 OF 5 MEDLINE on STN DUPLICATE 4  
 AN 86091279 MEDLINE  
 DN PubMed ID: 2934597  
 TI Age-dependent differences in the effect of atrial natriuretic factor.  
 AU Dlouha H; Krecek J  
 SO Life sciences, (1985 Dec 30) 37 (26) 2523-9.  
 Journal code: 0375521. ISSN: 0024-3205.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 198602  
 ED Entered STN: 19900321  
 Last Updated on STN: 19900321  
 Entered Medline: 19860220